

POTENTIOMETRE PL130



Electrical Data		
Nominal resistance	1/5/10	kOhm
Resistance tolerance	±15	%
Independent linearity	±2.5	% of meas. range
Electrical angle	300	°
Temperature coefficient of the voltage divider	30	ppm/°C
Recommended wiper current	max. 1	µA
Max. wiper current in case of malfunction	5	mA
Power rating P	max. 0.25	W/40°C
Min. life (electrical)	5 Mio.	cycles

Mechanical Data		
Mechanical range	316	°
Torque	max. 0.5	Ncm
Min. life (mechanical)	5 Mio.	cycles
Operating temperature	-25 ... +85	°C
Storage temperature	-55 ... +105	°C
Protection class	IP65	

Standards		
Insulating resistance (500 VDC, 1bar, 2s)	10	GOhm
Dielectric strenght (VAC, 50Hz, 1min, 1bar)	750	V
Vibration (Amax = 0.75mm, f = 30 ... 2000 Hz)	10	g
Shock (half sine pulse, 7 ms)	50	g

PL130

Applications

- Positionsetting of truck rear-view mirror
- Front panel adjusting knob

Features

- Compact dimensions
- Design flexibility
- 5 Mio. cycles
- Very good resolution, better 0,1°

Options

- Custom shafts design
- Electrical angles between 20° and 300°
- Mechanical angles between 45° and 316°

Subject to change
without notice
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